| Electronic Paten                        | t App | olication Fee  | Transm   | ittal  |                         |  |  |
|---|-------|--|----------|--------|-------------------------|--|--|
| Application Number:                     | 10    | 10614685   |          |        |                         |  |  |
| Filing Date:                            | 03    | 03-Jul-2003  |          |        |                         |  |  |
| Title of invention:                     |       | Method and apparatus for piezoelectric layer-wise pump and valve for use in local administration of biological response modifiers and therapeutic agents |          |        |                         |  |  |
| First Named Inventor/Applicant Name:    | Ye    | Yehoshua Shachar   |          |        |                         |  |  |
| Filer:                                  | Ma    | Marcu Christian Dawes/Daniel Dawes   |          |        |                         |  |  |
| Attorney Docket Number:                 |       |  |          |        |                         |  |  |
| Filed as Small Entity                   |       |  |          |        |                         |  |  |
| Utility under 35 USC 111(a) Filing Fees |       |  |          |        |                         |  |  |
| Description                             |       | Fee Code   | Quantity | Amount | Sub-Total in<br>USD(\$) |  |  |
| Basic Filing:                           |       |  |          | 1      |                         |  |  |
| Pages:                                  |       |  |          |        |                         |  |  |
| Claims:                                 |       |  |          |        |                         |  |  |
| Miscellaneous-Filing:                   |       |  |          |        |                         |  |  |
| Petition:                               |       |  |          |        |                         |  |  |
| Patent-Appeals-and-Interference:        |       |  |          |        |                         |  |  |
| Post-Allowance-and-Post-Issuance:       |       |  |          |        |                         |  |  |
| Extension-of-Time:                      |       |  |          |        |                         |  |  |
| Extension - 1 month with \$0 paid       |       | 2251   | 1        | 65     | 65                      |  |  |

| Description    | Fee Code          | Quantity | Amount | Sub-Total in<br>USD(\$) |
|----------------|-------------------|----------|--------|-------------------------|
| Miscellaneous: |                   |          |        |                         |
|                | Total in USD (\$) |          |        | 65                      |